

MACMAURICE JACHIMIKE OSUJI

Proactive Mechanical Engineer with a solid foundation in design, analysis, and problem-solving. Experienced in project execution and technical solutions, with additional expertise as a Mobile Developer (Flutter and SwiftUI) for cross-platform and native iOS applications.

Location: Port Harcourt, Nigeria
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■ [Linkedin](#)

SKILL SETS

Engineering Skills

- Project Management
- Fabrication & Modification
- Welding.
- Documentation and reporting
- Quality Control

Soft Skills

- Critical Thinking
- Team Player
- Work Ethics
- Leadership
- Attention to details

Tech Skills

- Mobile App Development
- Microsoft Office Suit
- IT Support
- Adobe Photoshop
- SolidWorks

EXPERIENCES

Construction Engineer (Oct 2024 - Present)

Topline Limited (Internship) → Port Harcourt, Nigeria

- Team Lead on a Crude line Patch and Sleeve weld Intervention at NEPL
- I Improved the departmental documentation and reporting systems by 50%
- Lead a team for a crude line intervention by smart flange at Total Energies
- Facilitated and Championed weekly project report meetings, improving teamwork
- I tracked and managed projects progress and material usage using MS Office
- Supervised Fabrication of a Pig Launcher, Receiver and Tie-in basin for an offshore project
- Team Lead on a 24" gas line clamping Intervention at Total Energies
- Project lead on rerouting of a flowline for well to an Aradel CPF
- Asst Lead on an EPC Turnkey project for the Natural gas supply and distribution

Mobile Developer (Jan 2023 - Present)

Upwork Freelance → Remote

- Designed and developed mobile apps for iOS and Android and other Platforms.
- Integrated third party APIs and services such as Firebase Services, Riverpod.

Team Lead on a Design and Fabrication of a solar lawnmower. (Sep 2023 – Oct2023)

Bachelor's Thesis (AE-FUNAI) → Ebonyi State, Nigeria

- Created and established an effective communication plan for the project
- Managed team disagreements or conflicts and provided solution that align with all
- Practically participated in marking, cutting, drilling, welding, and painting of metals
- Contributed in the analysis, installation and troubleshooting of a solar system

Trainee Mechanic. (May 2023 – Aug 2023)

Tony Blaize Mechanical Services (Internship) → Enugu, Nigeria

- Contributed in changing of oil filters and key starters in diesel generators

- I Troubleshoot some issues like low voltage and overheating of heavy generators
- Got first-hand knowledge on various safety routines in a professional setting
- Disassembled and assembled major generator components (Crankshaft, gaskets, piston and rings etc.

EDUCATION

B. Eng. Mechanical Engineering (2018 - 2023)

- Alex Ekwueme Federal University Ndufu-Alike → Ebonyi State, Nigeria
- Thesis:** Development and Construction of a solar powered rotary lawnmower
- Graduating Grade:** Second Class (2.93/5.00)

Senior Secondary School (SSCE) • Sciences (2013 - 2018)

- West African Senior School Certificate Exam (WAEC) → Imo State, Nigeria
- National Examination Council (NECO) → Imo State, Nigeria

CERTIFICATIONS AND AWARDS

Certifications

- National Youth Service Corps (NYSC) → (Aug 2025)
- Nigeria Society of Engineers (NSE) → Graduate Engr. (Nov 2024)

RESEARCH AND PUBLICATIONS

- **SOCAR Proceedings** (Feb 2025)
Synthesis of New Bioactive Leaf Extract for Corrosion Inhibition of Steel Pipelines in the Acidic Medium of Oil and Gas Industry. → U. S. Nwigwe*¹, C. S. Ezeanyaeji¹, O. D. Ikwechegh¹, R. N. Nwafor² N. S. Mmaghiri¹, M. J. Osuji¹. **No.1 (2025) 085-091**

REFERENCES

- Topline Limited (Construction Department).**

 - Engr. Whyte Songo
Songojnr62@gmail.com
- Alex Ekwueme Federal University**

 - Engr. Uzoma Nwigwe
nwigweuzoma@gmail.com

EXTRA

Hobbies

- Graphics Designing
 - Traveling
- Snooker
 - Engineering
- Soccer
 - Research
- Coddling